

Parts Price List

The Monotype Giant Caster



EFFECTIVE, March 1, 1941

(Revised December 5, 1941)

Subject to change without notice

"20% PRICE INCREASE"

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Due to unstable market conditions, there may be variations from the pattern established by prices shown in lists. Therefore, all contracts must include the following clauses, and they must be understood by the purchaser to be a condition of any requisition sent to us:

All quotations are f.o.b. our factory Philadelphia, and are subject to prices prevailing at time of shipment. All orders to be paid for in accordance with the usual terms of Lanston Monotype Machine Co.

Orders for special Monotype equipment are non-cancelable after manufacture has been started. Orders for auxiliary equipment, supplies and accessories, not of Monotype manufacture, are irrevocable.

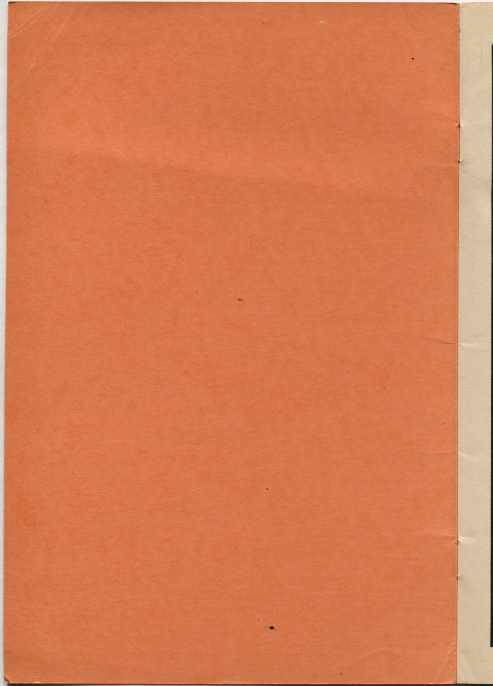
It is understood and agreed that no delivery date can be established at this time, but contracts and purchase orders will be assigned priority in the sequence of the dates of their receipt. All contracts are subject to acceptance in Philadelphia by a duly authorized officer of Lanston Monotype Machine Company.

Lanston Monotype Machine Company

Philadelphia, Pa.



429-12-41-650



Parts Price List

The Monotype Giant Caster

With a preface which gives: 1. Our guarantee and charges. 2. Directions for ordering parts including a simple explanation of our method of designating parts and the way they are arranged in this book.



Lanston Monotype Machine Company

Philadelphia, Pa.

Parts Price List

The Monotype Giant Caster

It is a machine which gives, in one operation, and without the intervention of any other person, a direct representation of the method of distributing type and the way they are arranged in this book.



Lanston Monotype Machine Company

Philadelphia, Pa.

PRICE LIST OF PARTS

GUARANTEE AND CHARGES

WE GUARANTEE every article to be free from all defects of material or workmanship, and will gladly replace (f.o.b. our factory) any parts that are not up to this standard of Monotype quality.

ALL PRICES are net f.o.b. our factory, and are subject to change without notice; all expenses for freight, expressage, postage or special requirements of customers are additional.

SUPERSEDED PARTS will be furnished at list prices as long as we have them in stock. When our stock is exhausted, the improved parts which have superseded them must be furnished instead or, if the superseded parts are made special, they will be charged accordingly.

SPECIAL WORK of any kind, such as alterations, changes, rebuilding, repairing, or applying of parts, will be charged extra, in addition to the parts used, unless specifically stated to the contrary.

LOAN MATERIAL

As the principal expense of repairing highly productive machinery is not the cost of the parts repaired but the time lost in making the repairs, we have arranged to reduce this time to the minimum by loaning to our customers certain parts for use while they return to us, for repair, the corresponding parts of their machine.

To make this plan a success the material to be repaired must be shipped to us promptly upon receipt of loan material, and likewise the loan material must be returned to us promptly upon receipt of the repaired material.

In all cases a small fixed fee is charged for the minimum use of the loan material. In addition to this fixed fee, an additional daily rental is charged as follows: First, for each working day the customer retains his material after the receipt of our loan material; this to start the next working day after the receipt of our loan material, to give the customer time to pack and ship his material. Second, for each working day the customer retains our loan material after his repaired material is received by him, tested and found correct; this to start the second working day after the receipt of his repaired material, to give him one full working day in which to try out the repaired material (for example, a repaired Mold). Therefore, to avoid the daily rental, the customer must ship to us his material for repair not later than the working day following the receipt of our loan material, and

must ship to us our loan material not later than the second working day following the receipt of his repaired material.

All shipments of loan material must, of course, be made by express. The customer pays transportation charges in both directions on loan material and on repaired material.

All loan parts are standard—we do not loan special parts nor do we furnish any but standard point-size and standard height Blades in Molds. The loan Molds are carefully inspected each time they are returned, to be sure they are within our limits, but we do not guarantee that the product cast from them will exactly match the product of the Molds which they replace.

The Giant Caster parts which we will loan, together with the fixed fee and daily rental charges, are as follows:

	Fixed Fee	Daily Rental
Giant Caster Mold (.853") . . .	\$20.00	\$5.00
Cam Shaft	6.00	1.25
Lining Gage	2.25	.75

DIRECTIONS FOR ORDERING PARTS (A Careful Reading Is Important)

All of these directions are essential. You will save time, trouble and money by reading them carefully before ordering any parts.

If you are not familiar with the Monotype terms here used, read "Designation of Parts" which follow these "Directions for Ordering Parts."

To enable us to fill orders correctly you must give us the following information:

- (1) Give the number of the machine for which the part is required (stamped on the Name Plate).
- (2) Give the name of the part.
- (3) Give the symbol of the part (give every character in the symbol exactly as printed—every one means something).
- (4) Give the quantity required of each part.

To insure getting the correct name and symbol:

- (a) Look in the proper place in this Price List.
- (b) To order a complete improvement or attachment for a machine give the number of the machine and the name and number of the improvement or attachment.

1GC—Base	1GC1 140.10
bearing plate (for Speed Device).....	1GC2 10.73
" " screw (4).....	1GC3 .12
hinge (for Motor Base) (2).....	1GC4 1.30
" nut (2).....	1GC5 .12
screw (for Speed Device Bearings) (3).....	1GC6 .19
Base group.....	X1GC 164.85

2GC—Base Cover Plate	2GC1C *
knob.....	2GC2 *.45
" latch.....	2GC3 *.60
Base Cover Plate group.....	X2GC 5.20
*2GC1C is assembled with 2GC2 and 2GC3. Order by the complete symbol X2GC.	

3GC—Belt Guard	3GC1 7.00
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4GC—Belt-guard Screw (4)	4GC1 .11
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5GC—Bridge	5GC1C *
bushing.....	5GC2 1.93
guard (over Rack 7GC1).....	a5GC12 1.05
pinion.....	5GC3 *.34
" shaft.....	5GC4 1.11
" nut (2).....	5GC5 .08
" washer (2).....	5GC6 .08
link (2).....	5GC7 1.83
" pin.....	5GC8 1.11
" nut (2).....	5GC9 .08
" sleeve.....	5GC10 1.60
" washer (2).....	5GC11 .08
Bridge group.....	X5GC 26.30
*5GC1C is assembled with 5GC2 and 5GC3. Price assembled..... 17.07	

Machines prior to 9425 were not equipped with the following part:

BRIDGE GUARD.....	a5GC12 1.05
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NOTE: This part provides a protective guard over the Rack 7GC1 and may be applied to any prior machine by tapping the BRIDGE 5GC1 to receive it.

6GC—Bridge Bracket (front)	a6GC1 29.40
cross block operating tube.....	6GC2C *
" " " " collar (2).....	a6GC3 1.32
" " " " spring (outer).....	6GC5 .78
" " " " (inner).....	6247..
" " " " abutment.....	a6GC17 .55
" " " " plug.....	a6GC7 2.37
" " " " head.....	6GC8 *.506
" " " " coupling.....	6GC9 2.21
" " " " screw.....	6GC10 .14
" " " " pin.....	6GC16 .07
pin.....	6GC11 .72
" set screw.....	6GC12 .15
stud (guide for 13GC4).....	6GC13 1.27
" nut.....	6GC14 .08
" washer.....	6GC15 .08
Bridge Bracket group.....	X6GC 50.85
*6GC2C is assembled with 6GC3 and 6GC16. Price assembled..... 10.08	

Machines prior to 9200 were equipped with the following parts:

BRIDGE BRACKET.....	6GC1 29.40
cross block operating tube spring abutment plug.....	6GC7 2.95

NOTE: The improved parts a6GC1 and a6GC7 are made with a coarser screw thread to improve the wearing qualities. They must be ordered together when ordered for the first time.

Machines prior to 9200 were equipped with the following parts:

BRIDGE BRACKET.....	6GC3 1.32
cross block operating tube collar.....	6GC4 .09
" " " " screw.....	223..

NOTE: The improved parts, two COLLARS a6GC3, provide an easier adjustment. When ordered for the first time, order also two PIN WASHERS No. 8162.

Machines prior to 9115 (except 9070, 9079, 9091 and 9097, for which see X6GC) were equipped with the following parts:

BRIDGE BRACKET.....	6GC6 1.38
cross block operating tube spring abutment.....	6GC8 .08
and omitted a6GC17.....	7GC1 3.00

NOTE: The improved part a6GC6 and added SPRING a6GC17 (making two SPRINGS) hold the product more securely against slipping during fusion casting. They must be ordered together when ordered for the first time for machines not so equipped. It is advisable, at the same time, to have the Mold fitted with a new CROSS BLOCK (a53GC30) having small projections or grips on its end and alter the rear TYPE BLOCK to suit.

7GC—Bridge-pinion Rack	7GC2 .94
operating rod.....	7GC3 .90
" " " " forked eye.....	7GC4 .08
" " " " lock nut.....	7GC5 *
" " " " pin.....	7GC6 *.15
" " " " spring.....	7GC8 .08
" " " " nut.....	7GC9 2.10
" " " " pin (in Cam Lever).....	7GC12 .38
" " " " sleeve.....	a7GC10 .66
" " " " spring (inside).....	a7GC14 1.60
" " " " (outside).....	a7GC11 .20
" " " " abutment (front).....	a7GC15 .16
" " " " (rear).....	7GC13 2.10
" " " " shield.....	X7GC 12.35

BRIDGE-PINION RACK group.....

*7GC5C is assembled with 7GC6. Price assembled..... .75

Machines prior to 9203 (except 9134 and 9200, for which see X6GC) were equipped with the following parts:

BRIDGE-PINION RACK.....	7GC10 .55
spring.....	7GC11 .21
" abutment (front).....	and omitted a7GC14 and a7GC15.

NOTE: To apply the improved parts order a7GC10, a7GC11, a7GC14 and a7GC15. These improved parts increase the spring pressure for seating MATRIX.

8GC—Bridge Support (rear)	8GC1 1.63
nut (2).....	8GC2 .50
pin.....	8GC3 1.05
Bridge Support group.....	X8GC 3.70

9GC—Cam-lever Stand	a9GC1 \$1.40
fulcrum pin (Mod-blade-cam Lever).....	9GC2 2.00
" " set screw.....	9GC3 .15
" " washer (for Pump-cam Lever).....	9GC4 .14
" " " ".....	9GC5 .00
" " cotter.....	9GC6 1.06
" " (Matrix-cam Lever).....	9GC7 .15
" set screw.....	Xa9GC 34.90
CAM-LEVER STAND group.....	

Machines prior to 9070 were equipped with the following part:

CAM LEVER STAND.....	9GC1 31.40
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Machines prior to 9070 were equipped with the following part:

10GC—Cam-lever-stand Filler **10GC1 3.85**

Machines prior to 9070 were equipped with the following part:

11GC—Cam-lever-stand-filler Screw (2) **11GC1 .09**

12GC—Cam Shaft **12GC1 20.72**
collar (next to Hand Wheel) **12GC2 1.05**

" (long, between Pump Cam and Matrix-carrier Cam) **12GC3 3.64**
key (long) **12GC4 .60**

CAM SHAFT group X12GC, see Note below.

NOTE: CAM SHAFT is furnished complete with the following parts in place: 20GC1, X48GC, X62GC, a83GC1, 84GC1, 85GC1, X111GC and 128GC1. Price assembled **38.10**

Should it ever be necessary to replace a CAM (except a83GC1 and 128GC1), for which see Note following a83GC1, the SHAFT X12GC must be returned to our factory. No charge other than for parts used is made for repairing the CAM SHAFT.

13GC—Clutch **13GC1 5.46**

14GC—Clutch Key (2) (each) **14GC1 .66**

15GC—Clutch Lever **15GC1 3.84**
clutch pin (2) **15GC2 .83**
CLUTCH LEVER group **X15GC 4.50**

16GC—Clutch-lever Fulcrum Pin **16GC1 .17**

17GC—Clutch-lever Operating Rod **17GC1 1.71**
forked eye **17GC2 .80**

" " look nut **17GC3 .08**

" " pin **17GC4 .15**

" " cotter **17GC5 .00**

head **17GC6 1.48**

" " look nut **17GC7 .08**

CLUTCH-LEVER OPERATING ROD group **X17GC 4.40**

18GC—Clutch Nut **18GC1 .15**

19GC—Clutch Washer **19GC1 .76**

20GC—Cross-block Cam **20GC1 5.25**

NOTE: When a CAM is to be replaced the SHAFT complete with its CAM must be returned to the factory.

21GC—Cross-block-cam Lever **21GC1C ***

roller **21GC2 *.80**

" pin **21GC3 *.30**

CROSS-BLOCK-CAM-LEVER group **X21GC 16.95**

*21GC1C is assembled with 21GC2 and 21GC3. Order by the complete symbol X21GC.

22GC—Electric Switch group (30 Amp., 230 Volt, 4 Pole) **X22GC 19.85**

23GC—Galley Stand **a23GC1 43.20**

Machines prior to 11058 were equipped with the following part:

GALLEY STAND **23GC1 43.20**

24GC—Galley-stand Cover Plate **24GC1 6.82**
guide plate **a24GC2 2.05**

NOTE: The GUIDE PLATE a24GC2 is designed to keep material from STYLE G8 MOLDS straight.

25GC—Galley-stand-cover-plate Screw (6) **25GC1 .06**

Machines prior to 11058 do not use:

GALLEY-stand-cover-plate SCREW (for oil hole) **a25GC2 .05**

26GC—Drawer **26GC1C ***
runner (left) **26GC2C †**

" (right) **26GC3C †**

" bolt (4) **118.** **26GC2 .12**

" " washer (4) **413.** **26GC5 .08**

" latch (2) **26GC6 *.17**

" " screw (No. 6 flathead wood-screw (2)) **26GC7 *.01**

Drawer group **X26GC 7.55**

*26GC1C is assembled with 26GC2C and 26GC3C. Price assembled **5.47**

128GC2C is assembled with one each of 26GC6 and 26GC7. Price assembled .64

128GC3C is assembled with one each of 26GC6 and 26GC7. Price assembled .64

27GC—Galley-stand Screw (top) (2) 27. **27GC1 .12**

28GC—Galley-stand Screw (side) (4) 28. **28GC1 .12**

29GC—Galley-stand Shelf **29GC1C ***

support (2) **29GC2 .28**

" clip (4) **29GC3 *.00**

GALLEY-STAND SHELF group **X29GC 4.35**

*29GC1C is assembled with 29GC3. Price assembled **4.39**

30GC—Gas Burner (3-burner) **30GC1C ***

air regulating sleeve (3) **30GC2 *.08**

" " screw (3) **2167.** **30GC3 *.06**

clamp **30GC4 .50**

" nut **319.** **30GC5 .09**

" " washer **49.** **30GC6 .08**

screen (3) **30GC7 .30**

" disk (3) **30GC8 .07**

" " holder (3) **30GC9 .80**

" " collar (3) **30GC10 .40**

valve (3) **30GC17C †**

" body **30GC18C †**

" " bolt **113.** **30GC19 .11**

" " pipe (gal. iron, 1-4" x 3-4") **30GC20 *.14**

" " elbow (90°) **30GC21 *.08**

" " nipple (gal. iron) **30GC22 .22**

" " plug (1-4" iron) (3) **30GC23 *.07**

" " (.190", brass) (3) **2235.** **30GC24 *.04**

" nozzle (3) **30GC25 *.12**

" nut (3) **30GC26 *.13**

" " lock nut (3) **332.** **30GC27 *.09**

" spring (3) **6185.** **30GC28 *.14**

GAS BURNER group **Xa30GC 33.80**

*30GC1C is assembled with 30GC2 and 30GC3. Price assembled **12.89**

†30GC17C are each assembled with one of 30GC25. Price assembled **1.60**

†30GC18C is assembled with 30GC17C, 30GC20, 30GC21, 30GC22, 30GC23, 30GC24, 30GC26, 30GC27 and 30GC28.

Price assembled **12.42**

NOTE: If natural gas is used, omit VALVES 30GC17C and substitute the following:

GAS BURNER (3 burner) VALVE (3) **a55H4H †**

" " nozzle (3) **a55H30 *.12**

†a55H4H are each assembled with one of a55H30. Price each **1.60**

Machines prior to 9125 were equipped with the following parts:

GAS BURNER

shield **30GC11 .60**

" pin **30GC12 .08**

support **30GC13 ***

" " bolt **30GC14C ***

" " nut **30GC15 .12**

" " cotter **52.** **30GC16 .00**

*30GC14C is assembled with 30GC13. Price assembled **2.20**

NOTE: These parts are not required when the GIANT MELTING POT is applied.

31GC—Gas Hose 39" (standard)	31GC1	1.48	
40" (extra for Gas Regulator).....	31GC2	2.20	
32GC—Gas-hose Coupling	32GC1	1.55	
valve.....	32GC2	1.92	
Gas-hose coupling group.....	X32GC	1.55	
33GC—Hand Wheel	33GC1	7.30	
34GC—Hand-wheel Key	34GC1	.25	
35GC—Hand-wheel Nut	35GC1	.15	
36GC—Latch	36GC1	2.93	
plate.....	36GC2	.60	
" screw (2).....	244	36GC3	.06
LATCH group.....	X36GC	3.65	
37GC—Latch Abutment	37GC1	2.93	
plate.....	a37GC2	.60	
" screw (2).....	244	37GC3	.06
" packing piece.....	a37GC4	.25	
LATCH ABUTMENT group.....	Xa37GC	3.90	

Machines prior to 11671 were equipped with the following parts:

LATCH ABUTMENT.....	37GC1	2.93	
plate.....	37GC2	.60	
" screw (2).....	244	37GC3	.06
LATCH ABUTMENT group.....	X37GC	3.65	

38GC—Latch-abutment Spring 6107..... **a38GC1** .17

Machines prior to 9119 (except 8854, 9070 and 9071, for which see above) were equipped with the following parts:

LATCH-ABUTMENT SPRING.....	38GC1	.31
plate (2).....	38GC2	.05
LATCH-ABUTMENT SPRING group.....	X38GC	.41

39GC—Latch Pin	39GC1C	*	
cotter.....	36	39GC2	.00
plate.....		39GC3	*
" spring pin.....	.830	39GC4	*.08
" stop pin.....		39GC5	*.08
LATCH PIN group.....		X39GC	2.95
*39GC1C is assembled with 39GC3, 39GC4 and 39GC5. Price assembled.... 2.95			

40GC—Latch Spring..... **6101**... **40GC1** .08

41GC—Latch Stand	41GC1	1.15	
shaft.....	a41GC2C	*	
" arm.....	41GC3	*	
" nut.....	327	41GC4	.12
" lock nut.....	391	41GC5	.12
" collar.....	a41GC8	.55	
" spring.....	6236	41GC6	.21
spring pin (for a38GC1).....	892	41GC7	.08
LATCH STAND group.....	X41GC	5.53	
*a41GC2C is assembled with 41GC3, 41GC4 and 41GC5. Price assembled..... 3.30			

Machines prior to 11671 were equipped with the following part:

LATCH STAND SHAFT.....	41GC2C	3.30
and omitted collar a41GC8		

42GC—Main Stand	a42GC1	303.45	
drain cock (Imperial, 1-4", No. 38, Standard Supply & Equip. Co.).....	42GC2	.40	
service elbow.....	42GC3	.10	
bearing (for Cam Shaft).....	a42GC4	17.64	
" screw (3).....	29	42GC5	.12
" oil pipe.....	42GC6	.22	
register plate.....	a42GC8	.35	
" screw (2).....	a42GC9	.06	
MAIN STAND group.....	Xa42GC	322.64	

Machines prior to 10879 were equipped with the following parts:

MAIN STAND.....	42GC1	303.45	
drain cock (Imperial, 1-4", No. 38, Standard Supply & Equip. Co.).....	42GC2	.40	
service elbow.....	42GC3	.10	
bearing (for Cam Shaft).....	42GC4	18.11	
" screw (3).....	29	42GC5	.12
" oil pipe.....	42GC6	.22	

NOTE: To apply the improved part requires that a42GC4 and a42GC1 be ordered together. The object of the change is improved construction.

43GC—Matrix Cam (right)	43GC1	5.25
(left).....	43GC2	5.25
MATRIX CAM group	X43GC	10.50

NOTE: When a CAM is to be replaced, the
SHAFT complete with its CAMS must be
returned to the factory.

44GC—Matrix-cam Lever	44GC1C	*	
roller (2).....	44GC2C	†	
" bushing (2).....	44GC3	†	
" pin (2).....	44GC4	*.78	
" roller (2).....	94	44GC5	*.00
" washer (2).....	44GC6	*.35	
MATRIX-CAM LEVER group.....	X44GC	20.85	
*44GC1C is assembled with 44GC2C, 44GC4, 44GC5 and 44GC6. Order by the complete symbol X44GC.			
†44GC2C is assembled with 44GC3. Price assembled..... 1.03			

45GC—Matrix Holder (1.400" x 1.120")		
(.60 and 72 Point).....		45GC1C *
(1.400" x .840") (42 and 48 Point).....		45GC16C **
(1.030" x 1.120") (60 and 72 Point).....		45GC2C †
blank (for fusion purposes) (.840") (Steel)		45GC12C †
" screw (2).....	232	45GC14 *.08
(.750" x 1.120") (60 and 72 Point).....		45GC3C †
blank (for fusion purposes) (1.120") (Steel)		45GC13C †
(1.030" x .840") (42 and 48 Point).....		45GC4C †
(.750" x .840") (42 and 48 Point).....		45GC5C †
latch.....		45GC6 \$.32
" pin (for 1.120" width).....		45GC7 *.07
" (for .840" width).....		45GC8 *.07
" wrapping (belt lace) (36" long).....		45GC15 *.28
plate (1.120" wide).....		45GC9 \$2.49
" (.840" wide).....		45GC10 \$2.49
" screw (4).....	2208	45GC11 *.06

*45GC1C is assembled with 45GC6, 45GC7, 45GC9, 45GC11, 45GC15, and gray metal blank Matrix 8139a. Price assembled..... 36.40	†45GC2C is assembled with 45GC8, 45GC7, 45GC9, 45GC11, and 45GC15. Price assembled..... 36.40	†45GC3C is assembled with 45GC6, 45GC7, 45GC9, 45GC11 and 45GC15. Price assembled..... 36.40	†45GC4C is assembled with 45GC6, 45GC8, 45GC10, 45GC11 and 45GC15. Price assembled..... 36.40
*45GC16C is assembled with 45GC6, 45GC8, 45GC10, 45GC11, 45GC15, and gray metal blank Matrix 8146a. Price assembled..... 36.40			
†45GC12C is assembled with one of 45GC14. Price assembled..... 13.79	†45GC13C is assembled with one of 45GC14. Price assembled..... 13.79	†45GC14C is assembled with 45GC6, 45GC8, 45GC10, 45GC11 and 45GC15. Price assembled..... 36.40	
†45GC15C is assembled with 45GC6, 45GC8, 45GC10, 45GC11 and 45GC15. Price assembled..... 36.40			

For casting type from Display Matrices the following parts are required:

MATRIX HOLDER (Display Matrices, .050" drive).....	b45GC17	27.56
matrix abutment (rear).....	a45GC18	1.66
" " screw (2).....	a45GC19	.05
" " (right) (std. position).....	a45GC20	3.31
" " (3 pts. off, known- ed Char.).....	a45GC21	3.31
" " screw (2).....	a45GC22	.06
" clamp.....	a45GC23	9.38
" carrier.....	a45GC30	4.41
" screw.....	a45GC24	.24
" holder matrix lifting pin.....	a45GC37*	.35
" " " spring.....	a45GC38*	.08

MATRIX HOLDER parts are assembled with 45GC6, 45GC7, 45GC9, 45GC11 and 45GC15.

MATRIX HOLDER assembly..... **Xb45GC17 57.52**

*Machines prior to January 1, 1939 were not equipped with parts a45GC37 and a45GC38.

NOTE: This MATRIX HOLDER must be used in the MATRIX-HOLDER CARRIER Xa45GC8.

46GC—Matrix-holder Carrier (1.120" wide).....	46GC1C	*	
(.840" wide).....	46GC2C	†	
latch abutment (1.120" wide).....	46GC3	*	
" " (.840" wide).....	46GC4	†	
" " pin.....	46GC7	*1.05	
" " rivet (1 23-32" long) (2).....	7239	46GC5	†
" " " (1 19-32" long).....	7240	46GC6	†

*46GC1C is assembled with 46GC3, 46GC5, 46GC6 and 46GC7. Price..... 35.28
†46GC2C is assembled with 46GC4, 46GC5, 46GC6 and 46GC7. Price..... 35.28

For casting type from Display Matrices the following parts are required:

MATRIX-HOLDER CARRIER.....	a46GC8	
abutment.....	a46GC9	2.76
" " screw (2).....	a46GC10	.06

NOTE: These parts are assembled with 46GC3, 46GC5, 46GC6 and 46GC7.

MATRIX-HOLDER CARRIER assembly... **Xa46GC8 38.16**

This MATRIX-HOLDER CARRIER is used for Display MATRIX HOLDER Xb45GC17 and for some special HOLDERS.

Matrix Holders and Matrix Holder Carriers for matrices differing in size or shape from Standard Monotype Matrices—see 163GC to 173GC.

47GC—Micrometer-wedge-stand-Screw (5) (for 50GC12).....	47GC1	.12
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48GC—Melting Pot (Gas).....	a48GC1	*10.90
casing (outside).....	a48GC11C	*
" " end plate.....	a48GC12	*.62
" " " screw (2).....	a48GC13	*.09
" " adjusting lug (right).....	a48GC14	*1.05
" " " (left).....	a48GC15	*.88
" " chimney support.....	a48GC16	*1.83
" " " screw (2).....	a48GC17	*.09
" " screw (3).....	a48GC29	*.11
" " " washer (3).....	a48GC30	*.08
" " (inside).....	a48GC18	*
" " screw (4).....	a48GC10	*.09
Melting Pot group.....	Xa48GC 70.70	

*a48GC11C is assembled with a48GC1, a48GC12 to a48GC18 inclusive, a48GC29, a48GC30 and 48GC10. Order by the complete symbol Xa48GC.

Machines prior to 10543 (except 10543, for which see Xa48GC) were not equipped with:

MELTING POT casing-screw (3).....	220	a48GC29	.11
" " " washer (3).....	413	a48GC30	.08

NOTE: These SCREWS, which serve to hold the MELTING POT tightly to the SWING-FRAME TABLE and prevent any possible shift, may be applied to any prior machine that is equipped with the GIANT MELTING POT by tapping the necessary holes in the MELTING-POT CASING.

Machines prior to 9125 were equipped with the following parts:

MELTING POT.....	48GC1	7.50	
casing.....	48GC2C	*	
" " bracket.....	48GC3	*	
" " " screw (2).....	216	48GC4	*.11
" " " dowel (2).....	58	48GC5	*.05
" " screw.....		48GC6	*.20
" " stud (2).....		48GC7	*.13
" " " nut (2).....	310	48GC8	*.08
" " " washer (2).....	410	48GC9	*.08
" " screw (4).....	2198	48GC10	*.09

MELTING POT group..... **X48GC 47.50**

*48GC2C is assembled with 48GC1, 48GC3 to 48GC10 inclusive. Order by the complete symbol X48GC.

NOTE: To apply the improved parts, which provide for a MELTING POT of increased capacity, order the MELTING POT, SWING FRAME TABLE, PUMP BODY, PISTON, NOZZLE, LEVERS and other necessary parts. Price of complete assembly 170.79

49GC—Melting-pot Chimney	49GC1	2.20	
50GC—Micrometer Wedge	50GC1	6.62	
bearing	50GC2	5.85	
locking screw (at side)	50GC3C	*	
" " knob	50GC4	*	
" " pin	787	50GC5	*.04
rod	50GC6	.40	
" nut	314	50GC7	.08
" lock nut	315	50GC8	.08
screw (vertical)	50GC9C	†	
" knob	50GC10	†	
" " pin	787	50GC11	*.04
stand	50GC12	16.65	
" cap	50GC13	9.70	
" " screws (3)	215	50GC14	.11
" " pin (for 50GC16)	7197	50GC20	.04
wheel (graduated)	50GC15	8.82	
" clamp screw	222	50GC19	.09
" " plos gage (vertical)	50GC16	1.76	
" " " scale	50GC17	.56	
" " " " screw (2)	251	50GC18	.05
Micrometer Wedge group	X50GC	58.30	
*50GC3C is assembled with 50GC4 and 50GC5. Price assembled		2.57	
†50GC9C is assembled with 50GC10 and 50GC11. Price assembled		4.65	

51GC — Micrometer — wedge		Setting
Scale		51GC1 1.66
drum		51GC2 7.61
" " looking pin		51GC3 .29
" " " knurled head		51GC4 .23
" " " nut		51GC5 .15
" " " spring	6246 ..	51GC6 .44
stand		51GC7 8.88
" " bearing (left)		51GC8C *
" " " " screw (3)	234 ..	51GC9 .08
" " " " (right)		51GC10 †
" " " " screw (3)	234 ..	51GC11 .08
" " " scale ("A")		51GC12 .78

51GC—Micrometer-wedge Setting Scale (continued)	
drum stand scale screw (3).....	251.. 51GC13 .05
" " screw (2).....	218.. 51GC46 .11
gag block.....	51GC14 1.06
" " lever.....	51GC15C ‡
" " abutment.....	51GC16 *.28
" " pin.....	7233.. 51GC17 *.11
" " spring.....	5161.. 51GC18 .08
" " pin.....	890.. 51GC19 *.08
ratchet.....	51GC20 2.87
" " detent pawl.....	51GC21 .66
" " fulcrum pin (in 51GC38)	51GC22 *.06
" " spring.....	51GC23 .40
" " pawl.....	51GC24 .66
" " lever.....	51GC25C ‡
" " fulcrum pin (in 51GC25).....	51GC26 *.06
" " spring.....	51GC27 .40
" " trip lever.....	51GC28 1.48
" " " " locking lever.....	51GC29 .85
" " " " stop pin.....	837.. 51GC30 *.04
" " " " lever stud.....	843.. 51GC31 .05
" " " " adj. screw.....	2185.. 51GC32 .05
" " " " lock nut.....	33.. 51GC33 .06
" " " " fulcrum screw.....	51GC34 .16
" " " " nut.....	35.. 51GC35 .05
" " " " screw (B).....	250.. 51GC36 .05
shaft.....	51GC37C ‡
" " dowel (for ratchet).....	58.. 51GC38 *.05
" " stop.....	51GC39 *.36
" " spring.....	51GC40 .59
" " pin.....	7178.. 51GC41 *.03
" " dowel.....	534.. 51GC42 *.06
" " nut (2).....	314.. 51GC43 .08
" " washer (2).....	410.. 51GC44 .08
MICROMETER-WEDGE SETTING SCALE	
group.....	X51GC 47.35
*51GC38 is assembled with 51GC24, 51GC30 and 51GC41. Price assembled.....	4.00
†51GC10C is assembled with 51GC16 and 51GC19. Price assembled.....	4.00
51GC15C is assembled with 51GC17. Price assembled.....	3.65
51GC25C is assembled with 51GC26. Price assembled.....	1.66
51GC37C is assembled with 51GC38, 51GC39 and 51GC42. Price assembled.....	3.10

Machines prior to 9129 (except 9070, 9091, 9124 and 9126, for which see above) were equipped with the following part:

MICROMETER-WEDGE SETTING SCALE GAG BLOCK.....	51GC14 1.06
NOTE: The GAG BLOCK 51GC14 (for which see above) is required when Style GS Mold is used.	

52GC—Micrometer-wedge-setting-scale Operating Rod (for 51GC35).....	
abutment sleeve.....	52GC1 1.40
connecting pin.....	52GC14 .22
" " nut.....	52GC2 1.31
" " " ".....	52GC3 .09
" " washer.....	52GC4 .08
eye.....	52GC5 .90
" " pin.....	52GC6 .15
" " cotter.....	95.. 52GC7 .00
" " lock nut.....	324.. 52GC8 .08
" " nut.....	314.. 52GC9 .08
" " lock nut.....	315.. 52GC10 .08
spring.....	6244.. 52GC11 .53
" " abutment.....	410.. 52GC12 .08
" " " " cotter.....	94.. 52GC13 .00
MICROMETER-WEDGE-SETTING-SCALE OPERATING ROD group.....	
	X52GC 5.00

53GC—Matrix-holder-carrier Bracket.....	
cover plate.....	d53GC35C *
" " screw (4).....	a53GC36 *2.44
screw (to Bolster) (2).....	a53GC37 *.08
" " washer (2).....	221.. 53GC38 .09
" " (to Squaring Plate).....	471.. 53GC39 .08
" " washer.....	413.. 53GC40 .13
" " (to Point Block).....	415.. 53GC41 .08
packing piece (.075" thick) (for GC1 Mold).....	2258.. a53GC42 .09
" " (.150" thick) (for GC1 Mold).....	a53GC213 2.10
wedge.....	a53GC214 2.10
" " screw.....	a53GC215C ‡
*d53GC35C is assembled with a53GC36 and a53GC37. Price assembled.....	a53GC216 *.06
†a53GC215C is assembled with a53GC216. Price assembled.....	4.25

NOTE: For casting a 72-point face on a 60-point body, order the following:

MATRIX-HOLDER-CARRIER-BRACKET PACKING PIECE.....	53GC75 2.70
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For casting a 60-point face on a 48-point body, or a 48-point face on a 42-point body, order the following:

MATRIX-HOLDER-CARRIER-BRACKET PACKING PIECE.....	53GC76 2.70
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For special purposes not accomplished by either of the above Packing Pieces, order the following:

PACKING PIECE.....	53GC165 2.70
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and specify the thickness desired.

Machines 9386, 9575 and 9577 to 10186 inclusive (except 10183 and 10185, for which see d53GC35C) were equipped with:

MATRIX-HOLDER-CARRIER BRACKET.....	e53GC35C *
and omitted a53GC213, a53GC214, a53GC215 and a53GC216.	

*This BRACKET d53GC35C is obsolete; order the improved parts shown at top of this column.

NOTE: The improved part d53GC35C (for which see above) is required when using GC1 Molds for casting from Display Type MATRICES, 12 to 36 pt. of 650° drive. It provides clearance for an adjustment of the MATRIX-HOLDER CARRIER point-wise.

Machines built from Dec. 31, 1926 to number 9576 inclusive (except 9386 and 9575, for which see d53GC35C) were equipped with the following part:

MATRIX-HOLDER-CARRIER BRACKET.....	b53GC35C *
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*This BRACKET b53GC35C is obsolete; order the improved parts shown at top of this column.

NOTE: The improved part d53GC35C (for which see above) provides for adjustment of MATRIX-HOLDER CARRIER set-wise.

Machines prior to 9577 (except 9386 and 9575, for which see d53GC35C) were equipped with the following parts:

MATRIX-HOLDER-CARRIER BRACKET.....	415.. 53GC39 .08
screw washer.....	221.. 53GC42 .09
" " (to Point Block).....	
and omitted a53GC129.	

NOTE: The improved parts a53GC39, a53GC42 and a53GC129, provide for an adjustment of the MATRIX-HOLDER CARRIER set-wise. They are used with the BRACKET d53GC35C; the MOLD must be fitted with the SQUARE PLATE and POINT BLOCK designed for this adjustment.

Machines built from April 30, 1926 to Dec. 31, 1926 were equipped with the following part:

MATRIX-HOLDER-CARRIER BRACKET..... a53GC35C *

*This part a53GC35C is obsolete. Order instead from list shown in second column of page 9. The improved part d53GC35C which is made with elongated holes to provide movement to position the Matrix for casting a large face on a smaller body (such as 72-point face on a 60-point body).

Machines built prior to April 30, 1926 were equipped with the following parts:

MATRIX-HOLDER-CARRIER BRACKET..... 53GC35C *
cover plate..... 53GC36 *
" screw (6)..... 233... 53GC37 .08

*These parts are obsolete. If replacement is required order d53GC35C from top of second column, page 9. On the improved BRACKET, d53GC35C, the COVER PLATE is fastened with four Screws and the screw holes on one side are slotted for ease in removing the PLATE.

The following parts can be furnished for application to Molds in customer's plants:

53GC—Mold	
blade stop.....	53GC9 3.80
" " screw (2).....	132... 53GC10 .09
" " (for 12, 14 and 18-point GC1 Molds).....	53GC172 4.41
" " (for GC8 Mold).....	53GC99 4.41
" " extension.....	53GC100 4.95
" " screw.....	2224... 53GC101 .08
bolster elbow (rear bolster) (2).....	53GC17 .89
" " sleeve.....	53GC18 .89
" " nut.....	53GC19 .06
" " plug screw (3).....	2249... 53GC21C †
" " elbow (rear bolster) (2).....	53GC22 .75
" " sleeve.....	53GC23 .75
" " nut.....	53GC24 .06
" " plug screw (3).....	2249... 53GC25 .61
" " locating piece screw (2).....	241... 53GC26 .61
" " through bolt (2).....	153... 53GC27 .08
" " (long, right).....	154... 53GC28 .08
" " nut (3).....	314... 53GC111 .61
" " sleeve (for 53GC28 shipment only).....	53GC29 .22
" " washer (6).....	412... 53GC112 .61
" " (for GC8 Molds) (2).....	155... 53GC98 .08
" " (long) (for GC8 Mold).....	156... 53GC32 .09
" " washer (for GC8 Mold).....	410... 53GC33 .11
cross block adjusting shoe screw (side) (2).....	2230... 53GC37 .50
" " (bottom).....	219... 53GC38 .08
" " thumb screw (for shipping only).....	53GC39 2.70
positioning bar (for Style GC8 Mold, also for cornerpieces on Style GC Mold).....	a53GC129 5.95
squaring plate wedge.....	53GC46 .13
" " bolt (4).....	415... 53GC47 .08
" " washer (4).....	2223... 53GC258 .08
type block screw (for 30 point GC8 Mold).....	53GC24 1.54
" " (for 18 or 24 point GC8 Mold).....	53GC102 1.37
" " (for 12 point GC8 Mold).....	53GC25 .08
" " clamp (for GC8 Mold).....	53GC108 .08
" " shoe (2).....	
" " screw (front).....	
" " (rear).....	

53GC—Mold (continued)

type block clamp screw.....	110... 53GC104 .12
" " washer.....	410... 53GC105 .08
" " clamp (for GC8 Mold) (old Clamp must be returned as sample).....	53GC106 9.82
" " spring.....	6152... 53GC107 .08
" " (for GC8 Mold) (old Clamp must be returned as sample).....	53GC30 14.11
" " pusher.....	53GC51 .17
*53GC100—For shipment, old part must be returned to factory so replacement part can be ground to match.	
53GC16C is assembled with 53GC17 and 53GC18. Price.....	23 c.
53GC21C is assembled with 53GC22 and 53GC23. Price.....	23 c.

NOTE: Molds can be repaired only in our factory where skilled workmen and special tools, jigs and fixtures are available. Charge is made for labor and material used. Estimates are given where requested, but the Mold must be sent to us for inspection before such estimate can be made.

54GC—Mold Base Plate

screw (to Main Stand) (4).....	214... 54GC1 *
nozzle seat.....	54GC2 *.11
" " shield.....	b54GC3C *
" " screw (4).....	54GC3 *.21
abutment plate (for bolster) (2).....	54GC4 *.08
" " screw (4).....	54GC7 *.95
closure.....	54GC8 *.08
" " guide plate (front).....	b54GC9 *
" " screw (7).....	2224... b54GC10 *
" " (rear).....	54GC11 *.08
" " screw (7).....	2224... b54GC12 *
" " clamp.....	54GC13 *.08
" " screw.....	222... 54GC14 .56
stop plate.....	54GC15 *.08
" " pin.....	b54GC16C †
packing piece No. 3 (positions mold 1/2 right and left).....	54GC24 †
" " 1.....	54GC17 2.59
" " 1-2.....	54GC18 2.59
" " 2 1-2.....	54GC25 2.59
" " 0.....	54GC27 2.59
" " side plate (on 54GC19).....	54GC19C †
" " end stop (on 54GC19).....	54GC20 †
" " abutment (used with 54GC19).....	54GC21 †
" " wedge (used with 54GC19).....	54GC22 1.27
" " (used with 54GC19).....	54GC23 2.27

MOLD BASE PLATE GROUP..... X54GC 164.63

*b54GC3C is assembled with 54GC1, 54GC2, 54GC5 to 54GC8 inclusive, b54GC9, b54GC10, 54GC11, b54GC12, 54GC13, 54GC14, 54GC15 and b54GC16C. Price assembled..... 145.40
Exchange Allowance on old MOLD BASE PLATE ASSEMBLY (b54GC3C)..... 27.50
b54GC16C is assembled with 54GC24, 54GC19C is assembled with 54GC20 and 54GC21. Price assembled..... 5.53
†NOZZLE SEAT b54GC3 may be purchased separately. Price..... 9.37

Machines 9125 to 9576 inclusive were equipped with the following parts:

MOLD BASE PLATE NOZZLE SEAT.....	a54GC3
closure.....	a54GC9
" " guide plate (front).....	a54GC10
" " (rear).....	a54GC12
" " stop plate.....	a54GC16

NOTE: These parts are obsolete, order the improved parts show above.

Machines prior to 9125 were equipped with the following parts:

MOLD BASE PLATE	
closure.....	54GC9
" guide plate (front).....	54GC10
" " (rear).....	54GC12
" stop plate.....	54GC16
noise sent (90 to 72 pt.).....	54GC3
" (42 to 48 pt.).....	54GC4

NOTE: These parts are obsolete, order instead the improved parts shown on page 10.

55GC—Mold-blade Bell Crank.....	55GC1	9.65
56GC—Mold-blade-bell-crank Pin (for link).....	56GC1	.55
rotter.....	56GC2	.00
MOLD-BLADE-BELL-CRANK PIN group.....	X56GC	.55

Machines prior to 11671 were equipped with the following parts:

MOLD-BLADE-BELL-CRANK PIN (for link).....	56GC1	.55
rotter.....	56GC2	.09
MOLD-BLADE-BELL-CRANK PIN group.....	X56GC	.55

57GC—Mold-blade-bell-crank Stand.....	57GC1	33.00
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58GC—Mold-blade-bell-crank Stud (for ball).....	58GC1	.37
nut.....	58GC2	.09
MOLD-BLADE-BELL-CRANK STUD group.....	X58GC	.46

59GC—Mold-blade-bell-crank Stand (in stand).....	59GC1	2.03
nut (lower).....	59GC2	.20
" (upper).....	59GC3	.15
washer.....	59GC4	.30
MOLD-BLADE-BELL-CRANK STUD group.....	X59GC	2.68

60GC—Mold-blade-bell-crank-stand Screw (long).....	60GC1	.12
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61GC—Mold-blade-bell-crank-stand Screw (short) (3).....	61GC1	.12
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62GC—Mold-blade Cam (right).....	62GC1	5.25
" " (left).....	62GC2	5.25
MOLD-BLADE CAM group.....	X62GC	10.50

NOTE: When a CAM is to be replaced, the CAM SHAFT complete with its CAMS must be returned to the factory.

63GC—Mold-blade-cam Lever.....	63GC1C	*
pin (for ball).....	63GC2	.29
" rotter (3).....	63GC3	.00
roller (2).....	63GC4C	†
" bushing (2).....	63GC5	†
" pin (2).....	63GC6	*.78
" " rotter (2).....	63GC7	*.00
" " washer (2).....	63GC8	*.25
MOLD-BLADE-CAM LEVER group.....	X63GC	13.55

*63GC1C is assembled with 63GC4C, 63GC6, 63GC7 and 63GC8. Price assembled..... 19.26
†63GC4C is assembled with 63GC6. Price assembled..... 1.06

Machines prior to 11671 were equipped with the following parts:

MOLD-BLADE-CAM LEVER PIN (for ball).....	63GC2	.29
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64GC—Mold-blade Operating Bar.....	64GC1	4.90
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55GC—Mold-blade-operating-bar Slide trip lever (operates Pawl-trip Lever).....	55GC1C	*
" " stand.....	55GC2	*.50
" " fulcrum pin.....	55GC4	.22
" " ".....	55GC5	.06
MOLD-BLADE-OPERATING-BAR SLIDE group.....	X55GC	10.80

*55GC1C is assembled with 55GC3. Price assembled..... 9.10

Machines prior to 9461 were equipped with the following parts:

MOLD-BLADE-OPERATING-BAR SLIDE trip lever (operates pawl-trip lever).....	55GC2	1.42
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NOTE: The improved part is required for operating the Style GS MOLA.

66GC—Mold-blade-operating-bar-slide Abutment Pin.....	66GC1	.69
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67GC—Mold-blade-operating-bar-slide Cover Plate.....	67GC1C	*
abutment (for spring).....	67GC2	*.40
MOLD-BLADE-OPERATING-BAR-SLIDE COVER PLATE group.....	X67GC	3.10

*67GC1C is assembled with 67GC2. Order by the complete symbol X67GC.

68GC—Mold-blade-operating-bar-slide-cover-plate Screw (4).....	68GC1	.09
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69GC—Mold-blade-operating-bar-slide Spring.....	69GC1	.55
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70GC—Mold-blade-operating-bar-slide-trip-lever Shoe (operates Trip lever).....	70GC1	.90
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71GC—Mold-blade-operating-bar-slide-trip-lever-shoe Screw (2).....	71GC1	.08
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72GC—Mold-blade-operating-bar Tongs lever (upper, left and right) (2).....	72GC1	2.10
" " (lower, left and right) (2).....	72GC2	2.10
" bushing (6).....	72GC3	.34
" bolt (6).....	72GC4	.17
" " nut (6).....	72GC5	.08
" " washer (6).....	72GC6	.08
" link (center).....	72GC7	1.59
" " (rear, short).....	72GC8	1.59
MOLD-BLADE-OPERATING-BAR TONGS group.....	X72GC	15.60

73GC—Mold-blade-operating-bar-tongs Link (rear) (long).....	73GC1	3.09
fulcrum pin.....	73GC2	1.00
" " nut (top).....	73GC3	.08
" " washer (top).....	73GC4	.08
MOLD-BLADE-OPERATING-BAR-TONGS LINK group.....	X73GC	4.25

Machines prior to 11671 were equipped with the following parts:

MOLD-BLADE-OPERATING-BAR-TONGS LINK (rear) (long).....	73GC1	3.09
fulcrum pin.....	73GC2	1.00
" " nut.....	73GC3	.11
" " washer.....	73GC4	.08
MOLD-BLADE-OPERATING-BAR-TONGS LINK group.....	X73GC	4.28

74GC—Mold-blade Spring Box rod.....	74GC1C	*
" adj. nut.....	74GC2	.08
" " " lock nut.....	74GC3	.08
" head.....	74GC4	*
" socket.....	74GC5C	†
" " ball.....	74GC6	*.78
" " cap.....	74GC7	*1.26
" " " screw (2).....	74GC8	*.11
" " " nut (2).....	74GC9	*.08
" " " lock nut (2).....	74GC10	*.08
" " lock nut.....	74GC11	*.68
spring (inside).....	74GC12	1.36
" (outside).....	74GC13	2.63
" abutment (front).....	74GC14	1.17
" " (rear).....	74GC15	1.61
tube.....	74GC16	1.71

74GC—Mold-blade Spring Box (continued)

tube cap (rear).....	74GC17	2.05
" socket (front).....	74GC18C	+
" " ball.....	74GC19	*.78
" " cap.....	74GC20	*1.26
" " stud (2).....	74GC21	*.22
" " nut (2).....	74GC22	*.08
" " lock nut (2).....	74GC23	*.11
" " stud (long).....	74GC24	.40
" " nut (4).....	74GC25	.08
" " nut (4).....	74GC25	.08

MOLD-BLADE SPRING BOX group..... **X74GC** 29.75

*74GC1C is assembled with 74GC4. Price assembled..... 1.71
 74GC5C is assembled with 74GC6 to 74GC10 inclusive. Price assembled 5.30
 74GC18C is assembled with 74GC19 to 74GC23 inclusive. Price assembled 7.15

75GC—Mold-closure Abutment	a75GC1	5.70
shoe.....	a75GC2	2.50
" screw (2).....	a75GC3	.20
MOLD-CLOSURE ABUTMENT group.....	Xa75GC	8.60

Machines prior to 11058 were equipped with the following part:
 MOLD-CLOSURE ABUTMENT..... 75GC1 5.70

76GC—Mold-closure-abutment Spring	76GC1	.55
Adjusting Rod.....	76GC1	.55

77GC—Mold-closure-abutment-spring	77GC1	1.28
Adjusting Rod.....	77GC2	.37
MOLD-CLOSURE-ABUTMENT-SPRING ADJUSTING ROD group.....	X77GC	1.65

78GC—Mold-closure-abutment-spring	78GC1	.60
Guide Rod.....	78GC2	.50
socket (for Adj. Rod).....	78GC2	.50
MOLD-CLOSURE-ABUTMENT-SPRING GUIDE ROD group.....	X78GC	.90

79GC—Mold-closure Bell Crank	79GC1	7.60
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80GC—Mold-closure-bell-crank Fulcrum Pin	80GC1	*
plate.....	80GC2C	*
" oil pipe (front, left).....	80GC3	.39
" " (front, right).....	80GC4	.39
" " (rear, left).....	80GC5	.39
" " (rear, right).....	80GC6	.39

MOLD-CLOSURE-BELL-CRANK FULCRUM PIN group..... **X80GC** 7.40

*80GC2C is assembled with 80GC1. Price assembled..... 5.84

81GC—Mold-closure-bell-crank-fulcrum-pin-plate Screw (2)	81GC1	.20
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82GC—Mold-closure-bell-crank Operating Rod	82GC1	.60
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adj nut.....	82GC2	.49
" " lock nut.....	82GC3	.08
forked eye.....	82GC4	.90
" " lock nut.....	82GC5	.08
" " pin.....	82GC6	.15
" " cotter.....	82GC7	.00
pin (for Cam Lever).....	82GC8	1.05

MOLD-CLOSURE-BELL-CRANK OPERATING ROD group..... **X82GC** 3.35

83GC—Mold-closure Cam	a83GC1*	10.50
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*a83GC1 is assembled with CAM 129GC1, BUSHING 84GC1, COLLAR 129GC3 and KEY a83GC1.

MOLD-CLOSURE CAM assembly..... **a83GC1C** 26.44

Note: If any parts of this assembly are required the complete assembly a83GC1C must be returned to our factory for application of these parts.

Machines prior to 9070 were equipped with the following part:

MOLD-CLOSURE CAM.....	83GC1	*
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*This part is obsolete and will no longer be furnished. Order instead the improved part a83GC1. When ordered for the first time order also the MOLD-CLOSURE-CAM LEVER a83GC1C.

84GC—Mold-closure-cam Bushing	84GC1	3.97
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(See Note following a83GC1.)

85GC—Mold-closure-cam Key (2)	85GC1	.21
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(See Note following a83GC1.)

86GC—Mold-closure-cam Lever	a86GC1C	*
shoe (bearing on Cams).....	a86GC2	*2.80
" screw.....	a86GC3	*.12
MOLD-CLOSURE-CAM LEVER group.....	Xa86GC	17.45

*a86GC1C is assembled with a86GC2 and a86GC3. Order by the complete symbol Xa86GC.

Machines prior to 9070 were equipped with the following parts:

MOLD-CLOSURE-CAM LEVER.....	86GC1C	*
shoe (bearing on Cam).....	86GC2	*
" screw.....	86GC3	*

*86GC1C is assembled with 86GC2 and 86GC3. These parts are obsolete and will no longer be furnished. Order instead the improved part a86GC1C. When ordered for the first time order also the MOLD-CLOSURE CAM a83GC1.

87GC—Mold-closure-cam-lever Buffer	87GC1	.50
(leather).....	a87GC11	.08
collar.....	a87GC2	.01
rod.....	87GC3	.00
" forked eye.....	87GC4	.08
" " lock nut.....	87GC5	.15
" " pin.....	87GC6	.00
" " cotter.....	87GC7	.08
" nut (2).....	87GC8	.37
" washer (large).....	87GC9	.21
" " (small).....	87GC10	.39
" sleeve.....	87GC10	.39
MOLD-CLOSURE-CAM-LEVER BUFFER group.....	X87GC	3.75

Machines prior to 9091 (except 9070 and 9077, for which see above) were equipped with the following part:

MOLD-CLOSURE-CAM-LEVER BUFFER.....	87GC1	
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Note: This part is obsolete and will no longer be furnished. Order instead the improved parts a87GC1 and a87GC11. The improved parts provide a solid center to tighten against and must be furnished together when ordered for the first time.

88GC—Mold-closure-cam-lever Stud	88GC1	2.03
nut (right end).....	88GC2	.30
" (left end).....	88GC3	.15
washer.....	88GC4	.30
MOLD-CLOSURE-CAM-LEVER STUD group.....	X88GC	2.68

89GC—Motor Base	a89GC1	8.10
hinge pin.....	89GC2	.50
" " roller (2).....	89GC3	.00
" " roller (wood, for chain).....	89GC4C	*
" " sleeve.....	89GC5	.11
" " washer.....	89GC6	.11
MOTOR BASE group.....	X89GC	10.30

*89GC4C is assembled with 89GC6. Price assembled..... 1.50

93GC—Motor Base (continued)

Machines prior to 1903F were equipped with the following part:

MOTOR BASE..... 93GC1 8.10

NOTE: The MOTOR BASE a93GC1 conforms to a change in the frame of motors furnished.

95GC—Motor-base Adj. Stud

nut (2)..... 90GC1 .76
washer (2)..... 90GC2 .09
MOTOR-BASE Adj. Stud group..... X95GC 1.10

91GC—Motor Pulley (Standard) (for 1150

r.p.m., 3-4" bore, 3 3/4" diam.)..... a91GC1C *
set screw..... 91GC2 .11
MOTOR PULLEY group..... Xa91GC 4.40

*a91GC1C is assembled with 91GC2.
Order by the complete symbol Xa91GC.

MOTOR PULLEY (Special) (for 900 r.p.m.,

3-4" bore, 4 1/2" diam.)..... a91GC3C *
set screw..... 91GC2 .11
MOTOR PULLEY group (Special)..... Xa91GC3 4.40

*a91GC3C is assembled with 91GC2.
Order by the complete symbol Xa91GC3.

MOTOR PULLEY (Special) (for 1450 r.p.m.,

3-4" bore, 3 9/16" diam.)..... a91GC4C *
set screw..... 91GC2 .11
MOTOR PULLEY group (Special)..... Xa91GC4 4.40

*a91GC4C is assembled with 91GC2.
Order by the complete symbol Xa91GC4.

MOTOR PULLEY (Special) (for 1000 r.p.m.,

11-16" bore, 4 5/8" diam.)..... a91GC5C *
set screw..... 91GC2 .11
MOTOR PULLEY group (Special)..... Xa91GC5 4.40

*a91GC5C is assembled with 91GC2.
Order by the complete symbol Xa91GC5.

MOTOR PULLEY (Special) (for 1200 r.p.m.,

3-4" bore, 3 5/8" diam.)..... a91GC6C *
set screw..... 91GC2 .11
MOTOR PULLEY group (Special)..... Xa91GC6 4.40

*a91GC6C is assembled with 91GC2.
Order by the complete symbol Xa91GC6.

92GC—Nozzle

for use with Style GC Molds..... 92GC4 1.25
for use with Style GC1 Molds..... 92GC9 1.75
lock nut..... 92GC3 .35

Machines prior to 9125 were equipped with the following parts to exit Pump Body X103GC (which see):

NOZZLE for use with Style GC Molds..... 92GC8 1.25
for use with Style GC1 Molds..... 92GC10 1.75

93GC—Oil Can Pocket..... a93GC1 1.35

Machines prior to 9070 were equipped with the following part:

OIL CAN POCKET..... 93GC1 1.35

94GC—Water-pipe Bracket

elbow (1-4")..... 94GC1 3.56
" (1-2")..... 94GC3 .17
pipe clamp..... 94GC4 .15
" screw..... 94GC5 .11
nipple (1-4" x 2 1/2")..... 94GC6 .09
" (1-4" x 5")..... 94GC7 .12
" (1-2" x 1 1/2")..... 94GC8 .09
reducing bushing (1-4" x 1-8") (2)..... 94GC9 .08
screw (3)..... 94GC10 .11
service elbow (1-4") (2)..... 94GC11 .10
tee (1-4")..... 94GC12 .14
water valve (1-4")..... 94GC13 1.00
WATER-PIPE BRACKET group..... X94GC 6.50

95GC—Piston..... a95GC1 4.40

handle..... 95GC2C *
" stem..... 95GC3 *
" nut..... 95GC4 *
Piston group..... Xa95GC 5.00

*95GC2C is assembled with 95GC3 and 95GC4. Price assembled..... .60

Piston (.008" oversize)..... a95GC3 4.40

Machines prior to 9125 were equipped with the following part:

Piston..... 95GC1 4.40

95GC—Piston Lever..... 96GC1 6.50

bearing (2)..... 96GC2 1.45
" screw (2)..... 96GC3 .08
Piston Lever group..... X96GC 9.54

97GC—Piston Operating Rod..... 97GC1 4.20

crosshead (lower for 96GC1)..... a97GC2 4.60
" dowel..... 97GC3 .08
" (upper for 96GC1)..... 97GC4 5.20
" nut..... 97GC5 .20
" screw (for Margach Feeder Chain)..... 241..... a97GC8 .06

" packing piece..... a97GC9 1.68

" stud..... 97GC6 .30

" lock nut..... 97GC7 .08

Piston Operating Rod group..... Xa97GC 15.80

*To fit a new lower CROSSHEAD a97GC2 to an old OPERATING Rod 97GC1 is not

practicable even in our own factory be-

cause the CROSSHEAD cannot be drilled

and reamed to match the existing dowel

hole in the Rod. If a new CROSSHEAD

a97GC2 is required, order it assembled

with Rod 97GC1 and Dowel 97GC3.

Price assembled..... 8.88

Machines prior to 11671 were not equipped with the following part:

Piston OPERATING Rod CROSSHEAD PACK-

ING PIECE..... a97GC9 1.08

Machines prior to 9119 (except 8254,

9070 and 9071, for which see a97GC2) were

equipped with the following part:

Piston OPERATING Rod CROSSHEAD..... 97GC2 4.60

NOTE: To apply the improved part order

the improved CROSSHEAD a97GC2 as-

sembled with Rod 97GC1 and Dowel

97GC3; also the following additional

parts: SPRINGS a10GC1, a10GC1, two

ASBESTOS a10GC14 and two SLEEVES

a10GC12.

98GC—Piston Spring

(outside)..... 6242..... 98GC1 2.40
(inside)..... 6159..... 98GC9 1.45
adjustment..... 98GC2 3.40
rod..... 98GC3 2.83
" eye..... 98GC4 .85
" pin..... 98GC5 .22
" nut..... 98GC6 .00
" nut (knurled)..... 98GC7 2.25
washer..... 98GC8 .30
Piston Spring group..... X98GC 13.70

99GC—Pump Bell Crank..... a99GC1 7.20

Machines prior to 11671 were equipped

with the following part:

PUMP BELL CRANK..... 99GC1 7.20

*106GC1C is assembled with 106GC2 and 106GC3. Price assembled..... 5.44

107GC—Pump-body Lifting Spring	
plate (lower).....	107GC1 .38
" (upper).....	107GC2 .27
Pump-body Lifting Spring group.....Xa107GC .85	

Machines prior to 9125 were equipped with the following parts:

Pump-body Lifting Spring.....6232..	107GC1 .27
plate (2).....	107GC2 .20
Pump-body Lifting Spring group.....X107GC .67	

108GC—Pump-body Operating Rod.....a108GC1 .58	
extension (bearing).....	a108GC2 1.05
" washer.....	a108GC6 .08
" nut.....	a108GC7 .09
nut.....	108GC4 .14
" lock nut.....	320.. 108GC5 .09
washer (bearing for a108GC1).....	468.. 108GC8 .19
" nut.....	320.. 108GC9 .09
" lock nut.....	320.. 108GC10 .09
Pump-body Operating Rod group.....Xa108GC 2.35	

Machines prior to 9125 were equipped with the following parts:

Pump-body Operating Rod.....108GC1 .56	
extension (for 107GC1).....	108GC2 .40
" pin.....	717.. 108GC3 .04
nut (3).....	321.. 108GC4 .14
" lock nut (3).....	320.. 108GC5 .09
Pump-body Operating Rod group.....X108GC 1.69	

109GC—Pump-body operating-rod Lever.....109GC1 1.60	
pin.....	109GC2 .25
" cotter.....	94.. 109GC3 .00
stand.....	109GC4 1.45
Pump-body operating-rod Lever group.....X109GC 3.30	

110GC—Pump-body Spring.....6227..a110GC1 .95	
abutment (2).....	a110GC14 .50
rod.....	110GC2 3.30
" crosshead.....	110GC3 3.65
" " eye.....	110GC4 1.00
" " nut.....	327.. 110GC5 .12
" " pin.....	847.. 110GC6 .22
" " " cotter.....	93.. 110GC7 .00
" " washer.....	45.. 110GC8 .11
" " stop.....	110GC9 1.35
" " nut.....	110GC10 .15
" nut (upper).....	329.. 110GC11 .15
" sleeve (3).....	110GC12 .75
" stop nut (bottom) (2).....	331.. 110GC13 .20
Pump-body Spring group.....Xa110GC 14.65	

Machines prior to 9119 (except 8254, 9070 and 9071, for which see above) were equipped with the following parts:

Pump-body Spring.....645..	110GC1 1.50
and omitted a110GC14 and two of 110GC12.	

111GC—Pump Cam (right).....111GC1 5.25	
(left).....	111GC2 5.25
Pump Cam group.....X111GC 10.50	

NOTE: When a CAM is to be replaced, the SHAFT complete with its CAMS must be returned to the factory.

112GC—Pump-cam Lever.....112GC1C *	
pin.....	112GC2 .40
" washer (2).....	464.. 112GC3 .21
" cotter (2).....	93.. 112GC4 .00
roller (2).....	112GC5C +
" bushing (2).....	112GC6 +
" pin (2).....	112GC7 *.78
" cotter (2).....	94.. 112GC8 *.00
" washer (2).....	112GC9 *.25
Pump-cam Lever group.....X112GC 21.50	

*112GC1C is assembled with 112GC3C, 112GC7, 112GC8 and 112GC9. Price assembled.....

*112GC5C is assembled with 112GC6. Price assembled..... 1.05

113GC—Pump-lever connecting link	
(between 90GC1 and 104GC1).....	a113GC1 3.35
pin (2).....	113GC2 .30
" cotter (2).....	92.. 113GC3 .00
plunger.....	113GC4 .15
" spring.....	663.. 113GC5 .12
Pump-lever connecting link group.....Xa113GC 4.22	

Machines prior to 11671 were equipped with the following parts:

Pump-lever connecting link (between 90GC1 and 104GC1).....	113GC1 3.35
pin (2).....	113GC2 .30
" cotter (2).....	92.. 113GC3 .00
plunger.....	113GC4 .15
" spring.....	663.. 113GC5 .12
Pump-lever connecting link group.....X113GC 4.22	

114GC—Pyrometer Support.....114GC1 .66	
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115GC—Pyrometer Thermocouple Support.....115GC1 .60	
arm.....	a115GC2 .64
nut.....	310.. 115GC3 .08
washer.....	413.. 115GC4 .08
Pyrometer Thermocouple Support group.....Xa115GC 1.40	

Machines prior to 9125 were equipped with the following part:

Pyrometer-thermocouple-support arm.....115GC2 .64	
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116GC—Speed Device.....116GC *	
belt (complete with wood blocks).....	116GC1*18.00
Speed device group.....X116GC 116.25	
*116GC is assembled with 116GC1. Order by the complete symbol X116GC.	

117GC—Speed-device Chain.....117GC1 4.41	
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118GC—Speed-device Pulley.....118GC1C*7.42	
set screw.....	118GC2 *.11
SPEED-DEVICE PULLEY group.....X118GC 7.42	
*118GC1C is assembled with 118GC2. Order by complete symbol X118GC.	

119GC—Speed-device Sprocket (19T, 5-8").....119GC1 6.29	
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120GC—Starting Handle	
eccentric shaft.....	120GC1C *
" " pin.....	120GC2 *.17
" " screw.....	2203.. 120GC3 *.08
STARTING HANDLE group.....X120GC 3.21	
*120GC1C is assembled with 120GC2 and 120GC3. Order by the complete symbol X120GC.	

121GC—Starting-handle Stand.....121GC1 13.79	
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122GC—Swing Frame.....122GC1 44.82	
bushing.....	122GC4 .45
set screw (for Margueh Ferdes).....	115.. a122GC19 .11
table.....	a122GC11 27.83
" adj. screw (for Pot) (2).....	a122GC16 1.06
" bolt (3).....	15.. 122GC12 .13
" stud (for Gas Burner).....	a122GC17 .80
" cotter.....	92.. a122GC18 .00
" spring post.....	8114.. a122GC19 .15
worm shaft.....	122GC13 13.80
" nut (2).....	331.. 122GC14 .20
" thrust bearing.....	122GC15 1.70
SWING FRAME group.....Xa122GC 52.55	

Machines prior to 9125 were equipped with the following parts:

SWING FRAME	
adjusting screw (long).....	115.. 122GC2 .11
" " (short) (2).....	136.. 122GC3 .09
guide block.....	122GC5 1.40

122GC—Swing Frame (continued)

guide block screw (2).....	122GC8	.09
handle.....	122GC7C	*
" stem.....	122GC8	*
" nut.....	122GC9	*
spring post.....	122GC10	.08
table.....	122GC11	27.83

*122GC7C is assembled with 122GC8 and 122GC9. Price assembled..... .58

Note: To apply the improved parts requires the application of the GIANT Mating Pot (see Note under X48GC).

123GC—Swing-frame Catch Bolt	123GC1	2.63
nut.....	123GC2	.12
Swing-frame Catch Bolt group.....	X123GC	2.75

124GC—Swing-frame Rack	124GC1	15.09
nut.....	124GC2	.12
shoe.....	124GC3	.65
washer.....	124GC4	.11
" (large).....	124GC5	1.15
Swing-frame Rack group.....	X124GC	17.43

125GC—Swing-frame-worm-shaft

Crank.....	125GC1C	*
pin.....	125GC2	*.03
handle.....	125GC3	*1.80
Swing-frame-worm-shaft-crank group.....	X125GC	4.15

*125GC1C is assembled with 125GC2 and 125GC3. Order by the complete symbol X125GC.

126GC—Type-clamp Cam	126GC1	10.50
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(See Note following X83GC1.)

127GC—Type-clamp-cam Lever	127GC1C	*
pin (bearing on cam).....	127GC2	*.78
" nut.....	127GC3	*.09
spring pin (for 141GC2).....	127GC4	*.08
Type-clamp-cam lever group.....	X127GC	9.38

*127GC1C is assembled with 127GC2, 127GC3 and 127GC4. Order by the complete symbol X127GC.

128GC—Type-clamp-cam-lever Fulcrum Pin	128GC1	.72
collar (2).....	128GC2	.00
Type-clamp-cam-lever fulcrum pin group.....	X128GC	.72

129GC—Type-clamp Lever (36 to 72 pt.)	129GC1C	*
fulcrum pin.....	129GC2	.13
stand.....	129GC3	2.49
spring pin.....	129GC4	*.08
Type-clamp lever group (36 to 72 pt.).....	X129GC	6.15

*129GC1C is assembled with 129GC4. Price assembled..... 3.53

To operate the Fil-core Mold for producing material without a core requires the following special parts:

Type CLAMP LEVER (Fil-core Mold).....	X129GC9C	*
fulcrum pin.....	129GC2	.13
intermediate lever.....	129GC7	13.13
" fulcrum pin.....	129GC8	1.76
stand.....	129GC6	4.85
spring pin.....	129GC4	*.08
Type CLAMP LEVER group (Fil-core Mold).....	X129GC9	23.40

*X129GC9C is assembled with 129GC4. Price assembled..... 3.53

TYPE-CLAMP LEVER (for material without a core from Style GS Molds and 14 and 18 pt. Style GC1 Molds).....

129GC5C	*
129GC2	.13
129GC10	13.13
129GC11	.25
129GC12	.06
129GC8	1.76
129GC4	*.08
129GC6	4.85

Type CLAMP LEVER group (12, 14, 18 pt. type)..... X129GC10 23.75

*129GC5C is assembled with 129GC4. Price assembled..... 3.57

130GC—Type-clamp-lever Operating

Rod.....	130GC1	.44
forked eye.....	130GC2	.90
" pin.....	X130GC1C	*
" spring.....	X130GC7	*1.15
" nut.....	131A	.03
head.....	130GC4	2.80
" nut.....	131A	.08

Type-CLAMP-LEVER OPERATING Rod group..... X130GC 5.05

*X130GC1C is assembled with X130GC7. Price assembled..... .75

131GC—Electric Switch Box

screw (2).....	222	X131GC1	.09
" nut (2).....	310	X131GC2	.08
base (wood).....	222	X131GC3	1.38
" screw (2).....	222	X131GC4	.09
" washer (2).....	413	X131GC5	.08

Machines prior to 9207 were equipped with the following part:

ELECTRIC SWITCH BOX screw (2).....	222	131GC1	.09
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and omitted X131GC2 to X131GC5.

Note: The improved parts allow for variation in size and drilling of Electric Switch Boxes.

132GC—Water Pipe

(front) (1-4" supply).....	X132GC1	1.49
(rear) (1-4" supply).....	X132GC2	1.49
(front) (1-4" drain).....	X132GC3	1.49
(rear) (1-4" drain).....	X132GC4	1.49
cock (2).....	132GC5	.50
nut (6).....	132GC7	.10
sleeve (6).....	132GC8	.05
Water Pipe group.....	X132GC	8.04

Machines prior to 10033 were equipped with the following parts:

WATER PIPE			
(front) (1-4" supply).....	132GC1	1.49	
(rear) (1-4" supply).....	132GC2	1.49	
(front) (1-4" drain).....	132GC3	1.49	
(rear) (1-4" drain).....	132GC4	1.49	

Note: To apply the improved parts order X132GC group.

133GC—Worm Shaft	133GC1	5.02
sprocket.....	133GC2	8.82
" key.....	133GC3	.08
worm.....	133GC4	4.40
" key.....	133GC5	.08
Worm Shaft group.....	X133GC	18.40

134GC—Worm-shaft Stand	134GC1	24.59
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135GC—Worm-shaft-stand Screw (3) 29	135GC1	.12
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136GC—Worm-shaft-stand Bolt	136GC1	.42
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137GC—Worm-shaft-stand Cover	137GC1	4.68
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138GC—Worm-shaft-stand-cover Screw (4).....	216..	138GC1	.11
139GC—Worm Wheel		139GC1	8.82
140GC—Worm-wheel Collar		140GC1	.88
141GC—Type-clamp-lever Spring 6245		141GC1	.42
plate (lower).....		141GC2	.05
" (upper).....		141GC3	.09
TYPE-CLAMP-LEVER SPRING group.....		X141GC	.56
142GC—Type-clamp-lever-stand Screw	226..	142GC1	.11
143GC—Name Plate		143GC1	.56
screw (4).....	227..	143GC2	.05
NAME PLATE group.....		X143GC	.75
144GC—Galley-stand-shelf Glass		144GC1	.78
145GC—Mold Oil		145GC1	1.32
arm.....		145GC2	.78
" stud.....		145GC3C	"
" " pin.....	7161..	145GC4	*.01
" " nut.....	35..	145GC5	.05
" " washer.....	49..	145GC6	.08
pipe.....		145GC7	.25
lock nut.....		145GC8	.37
Mold Oiler group.....		X145GC	3.45
*145GC3C is assembled with 145GC4. Price assembled.....			.69
Machines prior to 9577 (except 9386 and 9575, for which see above) were equipped with the following parts:			
Mold Oiler arm stud pin.....	721..	145GC4	.01
NOTE: The improved part is required with the parts designed to adjust the position of the MATRIX-HOLDER-CARRIER BRACKET setways by means of a WEDGE.			
Machines prior to 10033 were equipped with the following parts:			
146GC—Water-pipe Support (for drain pipe).....		146GC1	.83
screw.....	216..	146GC2	.11
WATER-PIPE SUPPORT.....		X146GC	.94
NOTE: These parts are not required when the improved water pipes are applied.			
147GC—Cam Guard		147GC1	9.10
148GC—Cam-guard Screw (3)	2250..	148GC1	.34
149GC—Cam-lever-stand Screw (8)	29..	149GC1	.12
150GC—Bridge-bracket Screw (to Main Stand) (6).....	215..	150GC1	.11
151GC—Bridge-bracket Screw (to Mold Base) (2).....	212..	151GC1	.11
152GC—Motor Bolt (4)	144..	152GC1	.13
nut (4).....	314..	152GC2	.08
washer (4).....	410..	152GC3	.08
MOTOR Bolt group.....		X152GC	1.16
153GC—Starting-handle-stand Screw (long).....	2246..	153GC1	.29
154GC—Starting-handle-stand Screw (short) (4).....	29..	154GC1	.12
155GC—Main-stand Bolts (to Base) (4).....	147..	155GC1	.16

156GC—Mold-bolster Bolt (front bolster to base) (3).....	151..	156GC1	.35
washer (3).....	470..	156GC2	.16
(right) (rear bolster to base).....	151..	156GC3	.35
washer.....	470..	156GC5	.16
(left) (rear bolster to base) (36 to 72 pt. Molds).....	152..	156GC4	.44
(left) (rear bolster to base) (18, 24 and 30 pt. Molds).....	151..	156GC8	.35
washer.....	469..	156GC7	.21
MOLD-BOLSTER Bolt group.....		X156GC	3.04

Machines prior to 9125 were equipped with the following parts when Automatic Metal Feeder was ordered:

157GC—Automatic Metal Feeder Bracket		157GC1	2.76
screw (2).....	126..	157GC2	.13

158GC—Pump-body-lifting-lever Adjusting Pin (acorn).....		158GC1*	.95
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*See Note following 159GC1.

159GC—Pump-body-lifting-lever-adj.-pin Shoe		159GC1	.37
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NOTE: Machines prior to 9125 were not equipped with PUMP-BODY-LEVER-ADJ. PIN 159GC1, and its Shoes 159GC1.

160GC—Latch Gag Plate (1-32" thick).....		160GC4	.34
(1-16" thick) (2).....		160GC1	.34
stud.....	336..	160GC2	.09
" washer.....		160GC3	.34
LATCH GAG PLATE group.....		X160GC	1.15

Machines prior to 11671 were equipped with the following parts:

LATCH GAG PLATE (2).....		160GC1	.34
stud.....	321..	160GC2	.09
" washer.....		160GC3	.37
LATCH GAG PLATE group.....		X160GC	.84

Machines prior to 9200 were not equipped with the following parts:

161GC—Guide Bracket		161GC1	1.83
clamp screw.....	111..	161GC2	.12
eccentric shaft.....		161GC3	1.44
" " cotter.....	95..	161GC4	.00
" " handle.....		161GC5	.50
pin (for rollers).....		161GC6	.39
" cotter (2).....	95..	161GC7	.00
roller (3).....		161GC8	.56
rod.....		161GC9	1.66
" support (rear).....		161GC10	1.76
" " pin.....	7241..	161GC11	.07
" " screw.....	111..	161GC12	.12
" " (front).....		161GC13	1.49
" " screw.....	121..	161GC14	.09
GUIDE BRACKET group.....		X161GC	11.95

162GC—Matrix-holder Rest (to support Display Matrix Holder, Kb45GC17 while changing Matrices).....		162GC1	1.93
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163GC—Matrix Holder , for Ludlow matrices (see Note).....		163GC1	
block.....		163GC2	
" handle.....		163GC3	
" " rivet (2).....		163GC4	
" " wrapping (belt lace 36").....		163GC5	
" latch.....		163GC6	
" " pad (fibrec).....		163GC22	
" " screw (4).....	2251..	163GC23	
" " pin.....		163GC7	
" " spring.....	635..	163GC8	
" plate.....		163GC9	
" " screw (4).....	2220..	163GC10	
carrier.....		163GC11	

163GC—Matrix Holder (continued)

carrier bracket packing piece (for 42 pt.)	163GC12
" " " (for 28 pt.)	163GC13
clamping screw.....2185..	163GC14
matrix side wall (for .050" drive, 3-16" thick)	163GC15
matrix side wall (for .050" drive, 1-8" thick)	163GC16
matrix side wall (for .065" drive, 3-16" thick)	163GC17
matrix side wall (for .065" drive, 1-8" thick)	163GC18
matrix side wall (2) (for .030" drive, italic)	163GC19
matrix side wall (2) (for .065" drive, italic)	163GC20
packing piece (2).....	163GC21
MATRIX HOLDER group.....	X163GC

*Consult Philadelphia for prices.

NOTE: This HOLDER will accommodate MATRICES driven on the .875" high blank only, either italic or roman. This includes, generally, up to and including 48 point, with some cap fonts of 60 point. It does not accommodate the larger size MATRIX 42 and 48 Point MATRICES are milled to .065" drive and are used with a GC Mold, smaller point size MATRICES are milled to .050" drive and are used with a GC1 Mold.

164GC—Type Channel

(see Attachment 26CU, page 19)

165GC—Matrix Holder (for 60- and 72-point Ludlow "Roman" matrices of .065" drive).....	165GC1C *
handle.....	165GC2
" fulcrum pin.....7243..	165GC3
" lock pin.....	165GC4
" wrapping.....	165GC5
matrix abutment.....	165GC6
" " screw (2).....2158..	165GC7
" clamp.....	165GC8
" " screw.....	165GC9
MATRIX HOLDER group.....	X165GC

*165GC1C is assembled with 165GC2 to 165GC9 inclusive. Order by the complete symbol X165GC.

†Consult Philadelphia for prices.

NOTE: This HOLDER will accommodate matrices driven on the 1.25" high blank only, and is used with a GC13 Mold. Ludlow matrices are altered to .065" drive. This HOLDER requires the use of groups X168GC, X169GC, and 170GC1.

Machines prior to 11671 were not equipped with the following parts, to apply these parts order the complete group X166GC:

166GC—Type Release (Automatic)	
lever.....	166GC1 4.25
operating rod.....	166GC7 .58
" " forked end (front).....	166GC8 2.75
" " " " lock nut.....35..	166GC9 .06
" " " " pin (in 166GC1).....	166GC10 .22
" " " " " cotter pin (2).....	35.. 166GC11 .09
" " " " " forked end (front).....	166GC12 1.78
" " " " " lock nut.....35..	166GC13 .06
separator (on 166GC17).....	166GC16 .42
release pin.....	166GC17 .48

TYPE RELEASE group: includes also the following parts: a56GC1, a58GC2, 63GC3, a73GC2, a78GC3 and a73GC9 **X166GC 12.60**

168GC—Matrix-holder Carrier	168GC1C *
spacer.....	168GC2
" rivet (2).....	168GC3
stripper bar (front).....	168GC4
" " (rear).....	168GC5
" " rivet (4).....7181..	168GC6

MATRIX-HOLDER CARRIER group.....**X168GC** †

*168GC1C is assembled with 168GC2 to 168GC6 inclusive. Order by the complete symbol X168GC.

†Consult Philadelphia for prices.

169GC—Matrix-holder-carrier Bracket	169GC1C *
cover plate.....	169GC2
" " screw (4).....232..	169GC3

MATRIX-HOLDER-CARRIER BRACKET group.....**X169GC** †

*169GC1C is assembled with 169GC2 and 169GC3. Order by the complete symbol X169GC.

†Consult Philadelphia for prices.

NOTE: A Packing Piece .053" thick is required when casting 60 point.

170GC—Matrix-holder-carrier-bracket Screw	2199.. 170GC1 .11
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171GC—Matrix Holder (for 60- and 72-point Ludlow "Roman" matrices of .153" drive).....	171GC1C *
handle.....	171GC2
" fulcrum pin.....7243..	171GC3
" lock pin.....	171GC4
" wrapping.....	171GC5
matrix abutment.....	171GC6
" " screw (2).....2158..	171GC7
" clamp.....	171GC8
" " screw.....	171GC9

MATRIX HOLDER group.....**X171GC** †

*171GC1C is assembled with 171GC2 to 171GC9 inclusive. Order by the complete symbol X171GC.

†Consult Philadelphia for prices.

NOTE: This HOLDER will accommodate matrices driven on the 1.25" high blank only, and is used with a GC13 Mold. This HOLDER requires the use of groups X168GC, X169GC, and 170GC1.

172GC—Matrix Holder (for 60- and 72-point Ludlow "Italic" matrices of .153" drive).....	172GC1C *
handle.....	172GC2
" fulcrum pin.....7243..	172GC3
" lock pin.....	172GC4
" wrapping.....	172GC5
matrix abutment.....	172GC6
" " screw (2).....2158..	172GC7
" clamp.....	172GC8
" " screw.....	172GC9

MATRIX HOLDER group.....**X172GC** †

*172GC1C is assembled with 172GC2 to 172GC9 inclusive. Order by the complete symbol X172GC.

†Consult Philadelphia for prices.

NOTE: This HOLDER will accommodate matrices driven on the 1.25" high blank only, and is used with a GC13 Mold. This HOLDER requires the use of groups X168GC, X169GC, and 170GC1.

173GC—Matrix Holder (for 60- and 73-point Ludlow "Italie" matrices of .065" drive)

handle	178G C2
" fulcrum pin	7243 178G C3
" lock pin	178G C4
" wrapping	178G C5
matrix abutment	178G C6
" screw (2)	2158 178G C7
" clamp	178G C8
" screw	178G C9

*173GC1C is assembled with 173GC2 to 173GC9 inclusive. Order by the complete symbol X173GC.

(ATTACHMENT 26CU)
Type Channel

Owner: To keep 14 to 36 point type on its feet for ease in handling.

This attachment consists of the following parts:

164GC—Type Channel

bar (right)		16AGC1C	*
bracket		16AGC2	*
* screw	233	16AGC3	/05
* washer	420	16AGC4	/05
(left)		16AGC9C	†
bracket		16AGC6	*
* screw	233	16AGC7	/05
* washer	420	16AGC8	/05
clamp (2)		16AGC9	30
* screw	216	16AGC10	/05
* washer	437	16AGC11	/05
* type support (small)		16AGC12	/91
(large)		16AGC13	/91

Molds

Note: Exchange allowance on Giant Caster Molds of one blade is \$25.00; allowance on two blades \$35.00.

Molds, Style GC: For 42-, 48-, 60- and 72-point sizes, for casting eared type and high and low spaces, quads and strip material; also 36-point size for casting high and low spaces, quads, and strip material—there are no 36-point Giant Caster Matrices, but 42-point caps and figures may be cast on this 36-point mold. (See "Molds, Style GCL")

Corner Piece Blades: The 72-point Mold may be equipped to cast corner pieces either high or low or both as selected. One leg will be 72-points long, the other leg may be 72-, 78-, or 84-points long as selected—specify length of legs.

Recessed Corner Piece Blades (high), for casting rule or decorative corner pieces or high blanks with legs 6- or 12-points thick as selected. Piles each.

Plain Corner Piece Blades, high, for rule or decorative corner pieces or high blanks; low for low blanks only; legs 6- or 12-points thick. Price, each height and point size of legs.

*Positioning Bar (53G057) required
when casting Corner Pieces. Price 2.70

Molds, Style GC1: For 24-, 30-, and 36-point sizes, for casting cored type from .050" drive display matrices and also low and high spaces, quads, and strip material.

Price, per point size, equipped with one blade, either high or low as selected, for one height of material in both fusion and non-fusion.

Price, per point size, equipped with two blades to give both low and high material in both fusion and non-fusion.

Equipment required for using .060" drive Display Matrices on Style GC1 Molds.....

Molds, Style GC1: For 14- and 18-point sizes are made for casting type from .050" drive display matrices and for high and low grade and spaces. They are not regularly equipped for casting fusion strip and base material.

Price per point size, equipped with one Blade for casting type and high quality and service.

Price per point size, equipped with two blades to give type and high quads and spaces and also low quads and spaces.

†One Special Type Clamp Lever (X129 GC10) required for all G8 and 1G8 Mold and for 14- and 18-point GC Molds, all of which cast material without a core.
Price..... 23.75

Molds, Style GS: For 18-, 24-, and 30-point sizes. These Molds cast solid (not cored) spaces and strip material only (no type). Only one height of material can be cast in a given mold but one, two, or three of the point sizes may be included in one mold.

Price for each mold equipped with one blade either high or low as selected (specific height).

Prices for each extra blade of the same height but the other point sizes

Molds, Style 1G5: For 18-, 24-, and 30-point sizes. These Molds cast solid (no cored) strip material only of electrolytypewriter shape. The width and height of the shoulder may be selected but must be the same for all point sizes cast on the same Mold, the difference in point size being in the face.

Price for Mold equipped with one blade (specify width and height of shoulder and overall height of material)

Molds, Style 1G5 (continued)

Price for each extra blade of different point size but same width and height of shoulder and same overall height of material.....	105.00
The G8 and 1G8 Molds also require Positioning Bar 53GC67. Price.....	\$2.70
Box for Mold.....	2.50
" " Blade.....	.75
Board for mounting Giant Caster Mold.....	.40

Matrices

CHARACTER MATRICES for 42-, 48-, 60- and 72-point sizes. Price each regardless of quantity.....	CLASS A B	1.00 2.00
STANDARD ACCENT MATRICES are Class B. BLANK GARY METAL MATRICES for use in Matrix Holders. Price each (\$134a, \$146a).....		0.50
RULE CORNER PIECE MATRICES for 72 point. Price each.....		6.00
BORDER CORNER PIECE MATRICES for 72 point. Price each.....		7.25
BOXES FOR GIANT CASTER MATRICES: Hold 96 Matrices, 6 1-2" x 10 1-4" x 2 1-8". Price each.....		2.00
GIANT CASTER TEST MATRIX for 42, 48, 60 and 72 point (furnished without charge with each mold purchased) extra Test Matrices, each.....		1.00
DISPLAY MATRICES: Single or in fonts, in sizes 36 point and smaller (for Classification of Matrices, see Monotype Specimen Book). Price per Matrix:		
Class A.....	0.60	
Class A—decorative borders and ornaments.....	0.60	
Class B.....	1.00	
Blanks.....	0.30	
DISPLAY MATRIX BOXES: Hold 83 matrices each in a separate compartment, with space for line standard, size 8 1-2" x 27-8" x 11-2". Price each.....		1.00

Electric Melting Pot

OBJECT: To use electricity for heating the metal in melting pot.

Electric Melting Pot equipment (1938 Style), complete with MELTING POT and CONTROL PANEL including DYNAMIC THERMOMETER for automatic temperature control. Furnished for 125 or 250 volts, direct or alternating current and any standard cycles up to 60 inclusive as specified by purchaser. (60 Cycle in stock, lower cycles to order. Price of 4400-watt size for GIANT CASTER).....	300.00
NOTE: Exchange allowance on Electric Melting Pots (old style for new style, either size).....	67.00
Replacement Heating Units* (right or left) each unit.....	56.00
*Within year's guarantee. HEATING UNITS replaced even exchange.	
Replacement Dynamic Thermometer Operating Coil	25.50
†Within year's guarantee. OPERATING COIL replaced even exchange. Outside year's guarantee exchange for \$23.00 and old coil.	
Combination Control Panel and Dynamic Thermometer	100.00
NOTE: MACHINES prior to 1935 were equipped with an ELECTRIC MELTING POT with the heating units cast in the	

POT. This style POT is no longer furnished. The improved POT can be applied without any other change.

MACHINES prior to 1925 were equipped with a small 4000-watt size ELECTRIC MELTING POT. This style POT is no longer furnished. To apply the improved 1938 style POT requires in addition to the improved POT certain other parts to accommodate it on these older MACHINES. Price for the improved ELECTRIC POT with necessary parts for application to MACHINES prior to 1925.....

481.46

Repair Parts for**1925-Style Electric Melting Pots**

NOTE: We will continue to furnish parts as listed below for the earlier type ELECTRIC MELTING POT as long as they are obtainable from the manufacturer.

COMPLETE HEAD WITH REGULATING MECHANISM. OPERATING COIL AND BULB.....	36.75
STAND FOR ABOVE (specify for which size and style of pot).....	8.40
OPERATING COIL, TUBE AND BULB.....	a16L28 25.50
OVAL-HEAD SCREWS FOR COVER.....	a16L4 .09
GLASS WINDOW.....	a16L5 .16
" " CLAMP RING.....	a16L8 .13
CONTACT BLOCK Complete with Contacts.....	2.00
" " only.....	.42
"L" CONTACT.....	a16L42 .42
"H" CONTACT.....	a16L42 .42
"C" CONTACT.....	a16L43 .75
SPRING LEAF COMPLETE WITH POINTER AND ROLLER.....	5.92
SPRING POINTER AND ROLLER ONLY.....	a16L44 1.21
" " FOR SPRING LEAF.....	a16L45 .37
ADJUSTING SCREW.....	
CORRODING AND CABLE COMPLETE (specify for which size and style of POT).....	7.25
CONTROL PANEL COMPLETE for 4400-watt (1926 Style) MELTING POT.....	50.14
RESISTANCE UNIT (give voltage, whether AC or DC, and cycles if AC).....	a15L96 3.00
MAGNET SWITCH COIL (give voltage, whether AC or DC, and cycles if AC).....	a15L47 6.82
BLOW-OUT COIL.....	a15L1 4.83
CONTACT FINGER COMPLETE WITH PISTON.....	a15L81 1.85
CONTACT TIP FOR FIXED CONTACTS.....	a15L03 .42
SPRING FOR CONTACT FINGER.....	a15L82 .21
AUXILIARY CONTACT POST CONTACT TIP FOR 4400-WATT PANEL.....	.16
AUXILIARY CONTACT FINGER SPRING FOR 4400-WATT PANEL.....	.16
FUSE (20 amp. for 220 volt, 40 amp. for 110 volt, 4400-watt, 1926 style, Panel).....	a51L41 .32
SNAP SWITCH FOR 4400-WATT (1926 Style) PANEL.....	6.55
UPPER FIBER WASHER (AC).....	.32
" " (DC) (with copper insert).....	.42
LOWER FIBER WASHER (AC).....	.32
" " (DC).....	.42

Miscellaneous Supplies

AUTOMATIC HEAT CONTROL for gas.....	a55L1L *
hose.....	31GC9
bracket.....	a51L6 *1.00
" " shield.....	a51L6 *1.10
" " screw (2).....	5515 55L6 * .08
*a55L1L is assembled with HOSE BRACKET, SHIELD AND SCREW. Price.....	49.90
PYROMETER, MONOTYPE.....	X76H 37.50
†Pyrometers are guaranteed for one year.	
NOTE: Exchange allowance on old style PYROMETER for new style, f.o.b. Philadelphia.....	10.00
Allowance on new style PYROMETER out of guarantee, f.o.b. Philadelphia 15.00	

Miscellaneous Supplies

AUTOMATIC HEAT CONTROL for gas.....	a55L1L	*
boiler.....	31GC2	*2.20
bracket.....	55L2	*1.00
" shield.....	55L5	*.10
" screw (2).....	2223	55L6 * .08
*a55L1L is assembled with 31GC2, 55L2, 55L5 and 55L6. Price assembled.....		49.90
PYROMETER, MONOTYPE†.....	X76H	37.50
†Pyrometers are guaranteed for one year.		
NOTE: Exchange allowance on old style		
PYROMETER for new style, f.o.b. Philadelphia.....		
Allowance on new style PYROMETER out of guarantee, f.o.b. Philadelphia.....		15.00
LINING GAUGE up to 72 point.....	Xa23L	26.25
NOTE: Exchange allowance on old LINING GAUGE, f.o.b. Philadelphia.....		
2.50		
MOTOR EQUIPMENT		
1-2 H.P. constant speed; including 1140 R.P.M. Motor, driving pulley and belt (switch and motor base are part of and included in price of machine).		
D.C. Equipment: 115 or 230 volts.....		85.00
A.C. Equipment: 60 Cycles, single, two or three phase, 110 or 220 volts.....		85.00
Belt, for Motor, Metal Laced, 60 1-2" x 1 1-4".....		2.90
AUTOMATIC METAL FEEDER.....		60.00
Isotol Mold.....		2.00
EXTRA METAL FEEDER ISOTOL MOLD		
Price each (closed eye or split eye).....		2.00
WATER-COOLED MOLDS FOR AUTOMATIC METAL FEEDER ISOTOLS. Price per set of 4 (closed eye or split eye).....		
Price per set of 6 (closed eye or split eye).....		100.00
Price per set of 6 (closed eye or split eye).....		150.00
GIANT CASTER INSTRUCTION BOOK (furnished with machine without charge, additional copies.....)		1.00
Oil, RULE MOLD: A very special oil which exhaustive tests have proved to be the most satisfactory lubricant for all our Continuous Strip Molds, and all Molds casting cured type and material. No other lubricant will preserve the Molds and give so good a product. Sold in 2-gallon* sealed containers. Price.....		14.90
*Also furnished in 30-gallon drums. Price on request.		
†For customers using a very limited quantity we will supply Rule Mold Oil in a half gallon container. Price.....		1.85
Oil, TYPE MOLD: A suitable oil for lubricating the Giant Caster (sold in 2-gallon containers only). Price.....		1.85

Miscellaneous Supplies (continued)

MOLD CLEANING COMPOUND. For cleaning the parts of a mold when taken apart for that purpose. Price per can (approximately 5 1-2 oz. net).....			75
MONOTYPE GIANT CASTER PASTE: For use on Giant Caster Molds (in addition to Rule Mold Oil). Improves lubrication, reduces carbon, and gives longer use of the Molds before cleaning. Price per can (approximately 1 3-4 oz. net).....			85
PAINT: SMALL CAN (black or grey).....			70
SCREWDRIVERS			
(6" x 5-16").....	22L6	.60	
(10" x 3-8").....	22L7	.90	
(7 1-2" x 1-4").....	22L8	.60	
(1 1-2" x 3-16").....	a22L8	.35	
WRENCHES			
No. 81 (1 1-16").....		.55	
No. 83 (13-32" x 1-2").....		.40	
No. 84 (5-8" x 3-4").....		.55	
No. 85 (13-16" x 7-8").....		.55	
No. 810 (9-32" x 5-16").....		.30	
No. 8162 (Pin).....		.15	
No. 8118 (Set Screw).....		.20	
No. 8113 (Speed).....		1.25	
LADLE, SMALL, FOR MELTING POT.....		.55	90
MOLD CLEANING ROD.....	26L1	.45	
NOZZLE SQUARING PIN (3-8" 13-threads).....	15H1	2.65	
OIL CAN (large).....		.75	
OIL CAN (medium).....		.55	
PLIERS, PIPE, 16".....		1.50	1.50
SKIMMER, SMALL, FOR MELTING POT.....	X8L	.45	
*DRILL, FOR PUMP ARM (1-4").....	9L1	.50	
" " (5-16").....	9L2	.50	
" 9-32", FOR NOZZLE.....		.65	
" SEE B, FOR NOZZLE.....		.50	
" 3-16", FOR NOZZLE.....		.35	
" No. 27, FOR NOZZLE.....		.30	
*We furnish only high speed steel twist drills.			
EYE-GLASS.....	a23L17	.75	90
FILE, 6" hand smooth flat.....		.45	
" 4" narrow pillar.....		.30	
GAGE, 60" center.....		.85	
HAMMER, 4 lb.....		1.00	
HAND DRILL, No. 2.....		4.75	
MICROMETER, with ratchet friction, complete in case.....		13.75	
PLIERS, long flat nose (5").....		1.50	
" (1-8").....		.25	
" (1-8").....		.25	
SCALE, 6" steel.....		1.10	
SQUARE, hardened.....		5.50	
TWEEDERS.....		.85	

KILL MISCELLANEOUS
SUPPLIES IN
THIS COLUMN

Miscellaneous Supplies

Various small items, including stationery, envelopes, and other office supplies, are listed with their respective prices. The list includes items such as "Small Envelopes", "Stationery", and "Office Supplies".

Miscellaneous Supplies

Additional miscellaneous supplies, including various types of paper, ink, and other materials, are listed with their prices. The list includes items such as "Paper", "Ink", and "Miscellaneous Supplies".

Various small items, including stationery, envelopes, and other office supplies, are listed with their respective prices. The list includes items such as "Small Envelopes", "Stationery", and "Office Supplies".

Additional miscellaneous supplies, including various types of paper, ink, and other materials, are listed with their prices. The list includes items such as "Paper", "Ink", and "Miscellaneous Supplies".

Further miscellaneous supplies, including various types of paper, ink, and other materials, are listed with their prices. The list includes items such as "Paper", "Ink", and "Miscellaneous Supplies".

Final miscellaneous supplies, including various types of paper, ink, and other materials, are listed with their prices. The list includes items such as "Paper", "Ink", and "Miscellaneous Supplies".

